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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

4

Complete If Known

Application Number	10/719,914
Filing Date	November 21, 2003
First Named Inventor	Sartaj Kumar Sahni
Art Unit	
Examiner Name	

Attorney Docket Number UF-318XC1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
U1	US 4,251,861	02-17-1981	Mago	All	
U2	US 4,833,468	05-23-1989	Larson <i>et al.</i>	All	
U3	US 5,555,405	09-10-1996	Griesmer <i>et al.</i>	All	
U4	US 5,701,467	12-23-1997	Freeston	All	
U5	US 5,761,440	06-02-1998	De Marco <i>et al.</i>	All	
U6	US 5,787,430	07-28-1998	Doeringer <i>et al.</i>	All	
U7	US 5,909,440	06-01-1999	Ferguson <i>et al.</i>	All	
U8	US 6,018,524	01-25-2000	Turner <i>et al.</i>	All	
U9	US 6,021,131	02-01-2000	Even	All	
U10	US 6,041,053	03-21-2000	Douceur <i>et al.</i>	All	
U11	US 6,061,712	05-09-2000	Tzeng	All	
U12	US 6,092,072	07-18-2000	Guha <i>et al.</i>	All	
U13	US 6,157,955	12-05-2000	Narad <i>et al.</i>	All	
U14	US 6,212,184	04-03-2001	Venkatachary <i>et al.</i>	All	
U15	US 6,266,706	07-24-2001	Brodnik <i>et al.</i>	All	
U16	US 6,289,013	09-11-2001	Lakshman <i>et al.</i>	All	
U17	US 6,335,932	01-01-2002	Kadambi <i>et al.</i>	All	
U18	US 6,341,130	01-22-2002	Lakshman <i>et al.</i>	All	

Examiner Signature	/Sai Ming Chan/	Date Considered	07/28/2008
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-145. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/719,914
				Filing Date	November 21, 2003
				First Named Inventor	Sartaj Kumar Sahni
				Art Unit	
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Sheet	2	of	4	Attorney Docket Number	UE-318XC1

Examiner Signature	/Sai Ming Chan/	Date Considered	07/28/2008
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Sheet 3 of 4

Complete if Known

Application Number	10/719,914
Filing Date	November 21, 2003
First Named Inventor	Sartaj Kumar Sahni
Group Art Unit	
Examiner Name	

Attorney Docket Number UF-318XC1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	DEGERMARK, MIKAEL, et al. (1997) "Small Forwarding Tables for Fast Routing Lookups" <i>ACM SIGCOMM Proceedings of the ACM SIGCOMM '97 conference on Applications, technologies, architectures, and protocols for computer communication</i> . pages 3-14.	
	R2	DOERINGER, W., G. KARJOTH, and M. NASSEHI (1996) "Routing on longest-matching prefixes" <i>IEEE/ACM Transactions on Networking</i> , 4(1): pages 86-87.	
	R3	ERGUN, FUNDA, et al. (2001) "A Dynamic Lookup Scheme for Bursty Access Patterns" <i>Proceedings of IEEE INFOCOM</i> pages 1-10.	
	R4	GUPTA, P. and N. MCKEOWN (2000) "Dynamic algorithms with worst-case performance for packet classification" <i>IFIP Networking</i> pages 528-539.	
	R5	LAMPSON, BUTLER, VENKATACHARY SRINIVASAN, and GEORGE VARGHESE (June 1999) "IP Lookups Using Multway and Multicolumn Search" <i>IEEE/ACM Transactions on Networking Vol. 7, No. 3, pages 324-334</i>	
	R6	LU, H. and SAHNI, S. (2003) "O (log n) dynamic router-tables for prefixes and ranges" <i>IEEE Symposium on Computers and Communications</i> , pages 1-42	
	R7	NILSSON, STEFAN and GUNNAR KARLSSON (1998) "Fast address lookup for Internet routers" <i>Proceedings of IEEE Broadband Communications</i> (enclosed copy pages numbered 9-18).	
	R8	RUIZ-SANCHEZ, M., E. BIERSACK, and W. DABBOUS (Mar/Apr 2001) "Survey and taxonomy of IP address lookup algorithms" <i>IEEE Network</i> , 15(2): pages 8-23.	
	R9	SAHNI, SARTAJ and KUN SUK KIM (Data Structures of IP Lookup with Bursty Access Patterns" www.cse.ust.hk/~sahni (enclosed copy pages numbered 1-5)	
	R10	SAHNI, SARTAJ and KUN SUK KIM (2001) "Efficient Construction of Fixed-Stride Multibit Tries for IP Lookup" <i>Proceedings of 8th IEEE Workshop on Future Trends of Distributed Computing Systems</i> pages 178-184 (enclosed copy pages numbered 1-7).	

Examiner Signature	/Sai Ming Chan/	Date Considered	07/28/2008
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	R11	SAHNI, SARTAJ and KUN SUK KIM (2002) "Efficient Construction of Variable-Stride Multibit Tries for IP Lookup" <i>Proceedings of IEEE Symposium on Applications and the Internet (SAINT)</i> pages 220-229 (enclosed copy pages numbered 1-8).	
	R12	SAHNI, SARTAJ and KUN SUK KIM (July 2002) "O(log n) Dynamic Packet Routing" <i>7th IEEE Symposium on Computers and Communications</i> . Pages 1-29	
	R13	SAHNI, SARTAJ, KUN SUK KIM, and HAIBIN LU (May 2002) "Data Structures for One-Dimensional Packet Classification Using Most-Specific-Rule Matching" <i>International Symposium on Parallel Architectures, Algorithms, and Networks (ISPAN)</i> pages 3-14 (enclosed copy pages numbered 1-12).	
	R14	SKLOWER, KEITH (1991) "A Tree-Based Packet Routing Table for Berkeley Unix" <i>Proceedings of 1991 Winter USENIX Conference</i> pages 93-99 (enclosed copy pages numbered 1-4).	
	R15	SRINIVASAN, V. and G. VARGHESE (Feb. 1999) "Faster IP Lookups Using Controlled Prefix Expansion" <i>ACM Transactions on Computer Systems</i> Vol.17, issue 1, pages 1-40 (enclosed copy pages numbered 1-21).	
	R16	SURI, S., G. VARGHESE, and P. WARKHEDE (2001) "Multiway range trees: Scalable IP lookup with fast updates" <i>Proceedings of Globecom '01</i> .	
	R17	WALDVOGEL, MARCEL et al. (1997) "Scalable High Speed IP Routing Lookups" <i>Proceedings of the ACM SIGCOMM '97 Conference on Applications, technologies, architectures, and protocols for computer communication</i> . pages 25-38 (enclosed copy pages numbered 1-12).	
	R18		
	R19		
	R20		
	R21		
	R22		

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